

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE 12/21/2001 Bryan David Haynes KCC-15,742 4041 10/036,853 EXAMINER 35844 7590 09/24/2004 EDWARDS, LAURA ESTELLE PAULEY PETERSEN & ERICKSON 2800 WEST HIGGINS ROAD ART UNIT PAPER NUMBER HOFFMAN ESTATES, IL 60195 1734

DATE MAILED: 09/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.



Laura Edwards Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term. 3. Patent and Trademark Office		Application No.	Applicant(s)		
Examiner Laura Edwards 1734	Notice of Abandonment	10/036.853	HAYNES, BRYAN DAVID		
The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of:					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of:		Laura Edwards	1734		
This application is abandoned in view of	The MAILING DATE of this communication ar			ldress	
1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 17 February 2004 (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated,), which is after the expiration of the period for reply (including a total extension of time of, month(s)) which expired on, (A proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of (1) a timely filed amendment which places the application in condition for allowance, (2) a timely filed Notice of Appead (with appeal fee); or (3) a timely filed Notice of Appead (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona file attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee and publication fee, if applicable, has not been received. (c) ☐ The issue fee and publication fee, if applicable, has not been received. (d) ☐ Proposed orrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) ☐ No corrected drawings have been received on (with a Certificate of Mailing or Transmission dated		,	·		
(a)		1.1. 47.5.1			
(A proper reply under 37 CFR 1.113 to a final rejection consists only of. (1) a timely filed damendment which places the application in condition for allowance, (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) No reply has been received. 2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 1. The letter of express abandonment which is signed by an attorney or agent of record, the assignee of the entire interest, or all of the applicants. 3. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 3. The letter of express abandonment which is signed by an attorney or agent of record, the assignee of the entire interest, or all of th	(a) A reply was received on (with a Certificate of	Mailing or Transmission dated), which is after the	expiration of the	
application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c)	(b) ☐ A proposed reply was received on, but it doe	s not constitute a proper reply under 3	37 CFR 1.113 (a) to	the final rejection.	
final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ⊠ No reply has been received. 2. □ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) □ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) □ The submitted fee of \$ is insufficient. A balance of \$ is due The publication fee, if required by 37 CFR 1.18(d), is \$ (c) □ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) □ The issue fee and publication fee, if applicable, has not been received. 3. □ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) □ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) □ No corrected drawings have been received. 3. □ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. □ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 5. □ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 5. □ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. □ Th	application in condition for allowance; (2) a timely file	ed Notice of Appeal (with appeal fee);			
2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 1. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: 2. The reason(s) below:					
from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. The reason(s) below.	(d) 🖾 No reply has been received.				
			the statutory period	of three months	
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c)), which is after the expiration of the statutory				
(c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 1. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ininimitize any negative effects on patent term.	(b) The submitted fee of \$ is insufficient. A balan	ce of \$ is due.			
Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). Allowability (PTO-37). Allowability (PTO	The issue fee required by 37 CFR 1.18 is \$	The publication fee, if required by 37	CFR 1.18(d), is \$		
Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received.	(c) \square The issue fee and publication fee, if applicable, has	not been received.			
after the expiration of the period for reply. (b) \[\] No corrected drawings have been received. 1. \[\] The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. \[\] The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. \[\] The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. \[\] The reason(s) below: Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to infinimize any negative effects on patent term. Fatent and Teachamst Office.		quired by, and within the three-month	period set in, the No	otice of	
1. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants. 5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. 6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. 7. The reason(s) below: Cetitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.		(with a Certificate of Mailing or Trai	nsmission dated), which is	
the applicants. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. The reason(s) below. Laura Edwards Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term.	(b) No corrected drawings have been received.				
1.34(a)) upon the filing of a continuing application. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims. The reason(s) below: Laura Edwards Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term.	· · · · · · · · · · · · · · · · · · ·	he attorney or agent of record, the ass	signee of the entire i	nterest, or all of	
of the decision has expired and there are no allowed claims. 7. The reason(s) below: Laura Edwards Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term. 6. Patent and Trademark Office		an attorney or agent (acting in a repres	sentative capacity ur	nder 37 CFR	
Laura Edwards Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term. 6. Patent and Trademark Office			se the period for see	eking court review	
Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term. B. Patent and Trademark Office	7. The reason(s) below:				
Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term. B. Patent and Trademark Office					
Primary Examiner Art Unit: 1734 Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to ninimize any negative effects on patent term. B. Patent and Trademark Office					
ninimize any negative effects on patent term. 5. Patent and Trademark Office			Primary Examine	- er	
6, Patent and Trademark Office	Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withd minimize any negative effects on patent term.	raw the holding of abandonment under 37	CFR 1.181, should be	promptly filed to	
	S. Patent and Trademark Office	of Abandonment	Part of F	Paper No. 092004	